Calculation of the Multiple Scattering of Gamma Rays   SOV/20-126-5-17/69
of the Uranium and Thorium Series

quanta with the energy E_o) were determined. As an example, fig-
ure 1 shows the intensity spectrum at r = 80 cm for aluminum
absorbers (both for uranium and thorium sources). In the fol-
lowing, absorbers consisting of several layers are investigated,
namely, plane-parallel layers of equal thickness. The result is
practically used for the numerical computation of a geophysical
example: a granite plate of known composition, given thickness
and density, containing uranium or thorium sources, and lying
beneath an inactive layer of the same granite is investigated.
In conclusion, the authors briefly discuss in the third part of
this article some particularities of the radiation of an active
layer, and in the last part special effects of absorption in an
inactive layer. Figure 2 shows the spectrum $\lg I \, \lambda = f(E)$ of
the radiation of an active layer after passing through an in-
active graphite layer of the thickness h (for various values of
h) and of the density 2.7. The E- and h-dependence are discuss-
ed. Contributors were : R. I. Anishchenko, Yu. M. Plishkin,
I. M. Shepeleva, Yu. P. Bulashevich and the staff members of the
Vychislitel'nyy tsentr AN SSSR (Computing Center of the AS USSR).

Card 2/3

Calculation of the Multiple Scattering of Gamma Rays   SOV/20-126-5-17/69
of the Uranium and Thorium Series

> There are 1 figure, 1 table, and 11 references, 5 of which are
> Soviet.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute of Metal
Physics of the Academy of Sciences, USSR)

PRESENTED: January 16, 1959, by L. A. Artsimovich, Academician

SUBMITTED: January 15, 1959

Card 3/3

GALISHEVUS.

GALISHEV, V.S.

Simple derivation of the Kramers-Kronig relationships. Opt. 1
spektr 8 no.3:417-419 Mr '60.   (MIRA 14:5)
                    (Dichroism)

GALISHEV, V.S.; CHEREPANOV, V.I.; RADCHENKO, R.V.

Rules of selection for quadrupole exiton light absorption in cubic crystals. Fiz. tver. tela 3 no.2:484-491 F '61.
(MIRA 14:6)

1. Ural'skiy gosudarstvenny universitet im. A. M. Gor'kogo i Institut fiziki metallov AN SSSR.
(Exitons)
(Absorption of light)

CHEREPANOV, V.I.; GALISHEV, V.S.

Anisotropy of quadrupole exciton absorption of light in cubic crystals.
Fiz.tver.tela 3 no.4:1085-1093 Ap '61.   (MIRA 14:4)

1. Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo i
Institut fiziki metallov AN SSSR.
          (Excitons)   (Crystals—Optical properties)

24.7000

AUTHOR: Galishev, V. S.

TITLE: Anisotropy of exciton absorption in wurtzite-type crystals

PERIODICAL: Fizika tverdogo tela, v. 4, no. 9, 1962, 2622-2624

TEXT: It is shown that the oscillator strengths

$$f_{\eta,\, \varepsilon;\, 0} = \frac{2}{\hbar m \omega} |< \eta,\, S| \sum_{j=1}^{N} e^{i(\mathbf{v}_j)}(\xi\beta_j)|0>|^2,$$

(1)

for the electric dipole, electric quadrupole, and magnetic dipole lines
are determined by the matrix element of the components of a vector, of a
symmetry tensor of rank 2 and of a pseudovector. Taking account of the
symmetry properties of wurtzite-type crystals the non-zero matrix elements
can be determined. With the aid of the spatial symmetry group C_{6v}^4 it is

shown that in wurtzite-type crystals only the following transitions from
the ground state into the exciton state are possible: $\Gamma_1 \longrightarrow \Gamma_1$,

Card 1/2

Anisotropy of exciton absorption...

$\Gamma_1 \rightarrow \Gamma_2$, $\Gamma_1 \rightarrow \Gamma_5$ and $\Gamma_1 \rightarrow \Gamma_6$. It follows from the calculations that the oscillator strengths of all four types of lines depend on the type of polarization of the light (dichroism) and on the angle between direction of propagation and hexagonal crystal axis (anisotropy). If the light propagates perpendicularly to the hexagonal axis all four exciton absorption lines are polarized. There are 2 tables.

ASSOCIATION: Ural'skiy gosudarstvennyy universitet im. A. M. Gor'kogo, Sverdlovsk (Ural State University imeni A. M. Gor'kiy, Sverdlovsk)

SUBMITTED: April 14, 1962 (initially)
                May 28, 1962 (after revision)

Card 2/2

GALISHEV, V.S.

Anisotropy of exciton absorption of light in wurtzite type
crystals. Fiz. tver. tela 4 no.9:2622-2624 S '62. (MIRA 15:9)

1. Ural'skiy gosudarstvennyy universitet imeni A.M. Gor'kogo,
Sverdlovsk.
(Crystals—Optical properties)

L 11095-63   EWT(m)/BDS--AFFTC/ASD

ACCESSION NR: AP3001174   S/0089/63/014/005/0453/0457

AUTHOR: Galishev, V. S.

TITLE: On the theory of the passage of Gamma-quanta through a substance

SOURCE Atomnaya energiya, v. 14, no. 5, 1963, 453-457

TOPIC TAGS: Gamma quantum, passage theory, photon scattering

ABSTRACT: An attempt has been made to analyze theoretically the passage of
Υ-quanta through a plane-parallel plate by a method analogous to the one used by
Mertens in treating a similar problem involving charged particles. A beam of
monochromatic Υ-quanta is assumed to be perpendicularly incident on a plate with
a limited thickness a in the direction of the x-axis and extending infinitely in
the y and z directions. An integral-differential equation describing the spectral
distribution of the flux density of scattered photons in the n-approximation has
been reduced to a 2n-system of integral-differential equations of the first order.
Final results have been obtained for n = 1 showing the spectral distribution of
flux density of scattered Υ-quanta at a given distance from a source. Some
practical applications of the method will be discussed in a special paper. Orig.
art. has: 32 formulas.

Card 1/2

L 58754-65   EWA(h)/EWT(m)   DM

ACCESSION NR: AP5012483   UR/0089/65/018/004/0415/0415
                                             539.121.78:539.166

AUTHOR: Galishev, V. S.

TITLE: Numerical calculations for the passage of gamma quanta
through matter

SOURCE: Atomnaya energiya, v. 18, no. 4, 1965, 415

TOPIC TAGS: gamma quantum, gamma radiation transmission, gamma
radiation reflection, absorbing layer, energy accumulation factor

ABSTRACT: A procedure developed by the author earlier (Atomnaya
energiya v. 14, 453, 1963) to determine the transmission and reflec-
tion of gamma radiation by a plane-parallel layer of finite thickness
is used to calculate the energy accumulation factor of radiation pass-
ing through the layer. The energy of the plane source was assumed to
be 10 MeV. The absorber used was lead. All the calculations were
performed with a 'Ural-1' electronic computer. The energy accumula-

Card   1/2

L 58754-65

ACCESSION NR: AP5012483

tion factor is determined by the ratio of the integral flux of the energy carried by all the gamma quanta to the integral flux of the primary quanta. The latter is determined in turn as a function of the gamma quantum flux density. The results of the calculations of the energy accumulation factors and their comparison with data obtained by the Monte-Carlo method by M. Berger and J. Doggett (J. Res. Nat. Bur. Standards v. 56, 89, 1956) are tabulated and are found to be in good agreement for small layer thickness ($\mu_0 a = 0.5 -- 1$). At larger thicknesses ($\mu_0 a = 2 -- 4$) the results given by the calculations are too low, indicating that the method is not applicable for thick absorbers. 'The author thanks N. A. Ipatova for help in programming the problem and with the calculations.' Original article has: 1 table

ASSOCIATION: None

SUBMITTED: 30Apr64   ENCL: 00   SUB CODE: NP

NR REF SOV: 001   OTHER: 001

Card 2/2

GALISHNIKOVA, M. P.

"Vascular and Temperature Reactions on the Irritation of a Sympathetic Nerve."
Cand Med Sci, Acad Med Sci USSR, Moscow, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

69405

SOV/137-59-4-8863

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 4, p 215 (USSR)

5.5310   18.8400

AUTHOR: Galishnikova, Z.P.

TITLE: A Photo-Electric Spectrograph-Quantum Meter

PERIODICAL: Stalingr. prom-st' (Sovnarkhoz Stalingr. ekon. adm. r-na), 1958, Nr 2-3,
            pp 38 - 39

ABSTRACT: The author describes the design and operational principles of a photo-
            electric spectrograph-quantum-meter and presents a brief characteristic
            of the domestic serial DFS-10 type quantum-meter, tested at the
            "Dneprospetsstal'" Plant. Determination of 6 elements was carried out
            at the laboratory of the Plant (Ni, Si, Mo, Mn, W, V). It took 7 minutes
            to determine all the aforementioned elements. Utilization of the quantum-
            meter has shown that the standard specimens and samples must have homo-
            geneous composition and fine-grained structure, since these factors affect
            in a high degree the accuracy of analyses. The temperature of the device
            or the room temperature of its location affects considerably the accuracy
            of the quantum-meter readings. It is recommended to install the device on
Card 1/2   the first floor upon a concrete anti-vibration foundation. The most

A Photo-Electric Spectrograph-Quantum Meter

69405

SOV/137-59-4-8863

important advantage of the quantum-meter is the high-speed of analysis: its efficiency amount to 200 analyses carried out by one laboratory worker within 8 hours. It is mentioned that the use of the quantum-meter for steel production control is very efficient. Maximum analysis time for all necessary elements, with the exception of C and S, is three minutes; this will facilitate the conductance of smelting and raise its efficiency.

L.G.

Card 2/2

GALISTHENIKOVA, Z.P.

GALITSIN, P. [Halitsyn, P.]

Improve accounting by interfarm building organizations. Sil'. bud.
13 no.2:9-10 F '63.   (MIRA 16:2)

1. Starshiy ekonomist Ukrainskoy respublikanskoy kontory Gosbanka.

MATYCUK, Emil, inz.; GANDEL, Gusti, inz.

Faculty of Mechanical Engineering in Bratislava. ? z stavby 11
ro. 8:417-420 '63.

1. Regional Institute of Projects, Bratislava.

SIBOULET, Andre; GALISTIN, Paul

Urogenic syndromes of viral etiology in women. Srpski arh.
celok.lek. 91 no.7:705-710 Jl-Ag'63.

1. Urolosko odeljenje Bolnice u Saint Louis-u. (Sef.:prof.dr.
R.Kuss) i Ustrazivacka laboratorija S.N.R.S. Medicinske akademi-
je u Parizu.

HICKIEWICZ, Jerzy, mgr inz.; GALISZ, Tadeusz, mgr inz.

Stabilizing systems for rectified voltage and current with magnetic amplifiers. Przegl elektrotech 38 no.10:414-417 O '62.

1. Katedra Maszyn Elektrycznych, Politechnika Slaska, Gliwice.

SHEMYAKINA, A.A.; GALITAROV, S.S.; SUYEVALOVA, L.K.

Determination of the ferment, cystinase, in cultures of diphtheria
bacilli. Lab.delo 7 no.7:57-58 Jl '61.   (MIRA 14:6)

1. Dorozhnaya sanitarno-epidemiologicheskaya stantsiya Sverdlovskoy
zheleznoy dorogi (nachal'nik G.A.Klyukova).
            (ENZYMES)   (CORYNEBACTERIUM DIPHTHERIAE)

GALITOVSKIY, V. G.

Jan 51

USSR/Electricity - Motors
            Generators
            Insulators

"Experiments in Pmpregnating Windings With Insulating Varnishes During
Productoin," Engr., V. G. Galitovskiy

Prom Energet, No 1, pp 11-12

Advantages of the method descrobed for impregnating wire during winding
process are: it can be done by small repair shops, cuts time required
for the process (one bath of concentrated varnish instead of usual two),
and reduces machine out-time.

252T34

1. GALITOVSKIY, V.

2. USSR (600)

4. Electric Machinery - Testing

7. Testing the winding of electric machines by increased voltage. Rab.energ., 2, no. 12, 1952. no

9. Monthly List of Russian Accessions, Library of Congress, ___April___1953, Uncl.

GALITO'SKIY, V. G.

Electric Transformers

Lim'ting the idle operation of a welded transformer. Rab. energ. 3 No. 2, 1953.

9. **Monthly List of Russian Accessions**, Library of Congress, ___June___ 1953. Unclassified.

GALITOVSKIY, V.G.

Instrument for controlling the proper connection of the pole coils of electric machines with electromagnetic face chucks. Prom.energ. 10 no.5:17-19 My '53.

(MLRA 6:5)

(Milling machinery) (Electric apparatus and appliances)

GALITOVSKIY, V.G.; ASKINAZI, A.I., redaktor; DOKUKINA, Ye.V., redaktor; MIKHAYLOVA, V.V., tekhnicheskiy redaktor

[Restoration of winding wires] Restavratsiia obmotochnykh provodov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 77 p. [Microfilm]   (MLRA 7:10)
     (Electric wire)

GALITOVSKIY, V.G., inshener.

Blocks for testing electric motors under load. Energetik 2 no.5:17-19
My '54. (MLRA 7:6)
(Electric motors--Testing)

GALITOVSKIY, V. G.

AID P - 687

Subject   : USSR/Electricity

Card 1/1   Pub. 29 - 22/24

Author   : Editors

Title   : V. G. Galitovski's article: "Limitation of Idle Running
                of a Welding Transformer". ("Rabochiy Energetik", 1953 #2)

Periodical   : Energetik, 7,   37,   Jl 1954

Abstract   : Replying to readers' questions, the editors explain that
                the arrangement proposed by V. G. Galitovski is non-
                expedient and cannot be recommended for application.

Institution : None

Submitted   : No date

GALITOVSKIY, V.G.

AID P - 1910

Subject   : USSR/Electricity

Card 1/1   Pub. 29 - 15/25

Author   : Galitovskiy, V. G., Eng.

Title   : Drying of windings of electric motors by infrared
               radiation

Periodical : Energetik, no.2, 24-26, F 1955

Abstract   : The use of special infrared bulbs for drying of
               windings of electric motors has been widely
               accepted at plants in the electrical industry and
               at other plants repairing electrical equipment. The
               author describes a simple electric furnace for dry-
               ing of windings of various electric equipment by
               radiation with infrared lamps, or with plain
               incandescent bulbs. Three diagrams and one table.

Institution: None

Submitted   : No date

GALITSA. V.

GALITSA, V., inzhener; EMMA, S., inzhener.

Electric power economy in the TSiurupa flour mills. Muk.-elev. prom. 20 no.1:26-28 Ja '54.   (MLRA 7:7)

1. Moskovskiy kombinat im. TSyurupy.
    (Moscow--Flour mills) (Flour mills--Moscow) (Electric power)

EMMA, S., inzhener; GALITSA, V., inzhener.

Use of radio condensers to increase the cosine phi. Muk.-elev.prom.
20 no.10:27-29 O '54.   (MLRA 7:12)

1. Mel'nichnyy kombinat im. TSyurupy.
        (Condensers (Electricity))

EMMA, S., inzhener; GALITSA, V., inzhener.

Intercom system in the grain elevator of the TSiurupa Flour Milling
Combine. Muk.-elev.prom. 21 no.11:21 N '55.   (MIRA 9:4)

1.Mel'nichnyy kombinat imeni TSyurupy.
(Intercommunication systems) (Grain elevators)

ACC NR: AP7002879   (A,N)   SOURCE CODE: UR/0201/66/000/004/0032/0043

AUTHOR: Galitseyskiy, B. M.; Danilov, Yu. I.; Dreytser, G. A.; Kalinin, E. K.;
Koshkin, V. K.

ORG: Moscow Aviation Institute (Moskovskiy aviatsionnyy institut)

TITLE: Convective heat exchange in a tube under pulsations of a gaseous heat-carrying medium with frequency corresponding to the second resonant harmonic

TOPIC TAGS: heat exchanger, heat transfer, heat carrier, thermodynamic calculation, gas flow

ABSTRACT: In view of the limited number of published theoretical and experimental papers devoted to heat exchange under a pulsating flow, such as would be produced when the heat-carrying medium is pumped with a compressor, the authors investigated the influence of velocity (or pressure) pulsations on heat transfer at high frequencies, when the influence of the pulsations of the local heat transfer coefficient is expected to be due essentially to changes in the distribution of the turbulent conductivity along the radius in a given section of the channel. The tests were made in an acoustically closed tube at a frequency corresponding to the second resonant harmonic, when a complete standing wave subtended the length of the tube. A criterial relation is derived for the relative heat transfer in such a case in terms of the Nusselt, Reynolds, and Prandtl numbers and the flow parameters. The tests were made

Card 1/2

ACC NR: AP7002879

with air in a specially calibrated stainless-steel tube heated with low-voltage
alternating current. Plots are presented of the distribution of the outside wall
temperature and of the gas temperature along the tube, the distribution of the
relative heat transfer along the tube for various pressure ratios and various
Reynolds numbers, the dependence of the relative heat transfer at the nodes and anti-
nodes and of the speed of the standing wave on the relative harmonic, and the distri-
bution of the heat transfer along the standing wave. The results show that the res-
onant vibrations of the heat-carrying medium lead to an appreciable increase in the
heat transfer, by a factor 2 - 2.3 over the stationary value. Orig. art. has: 6
figures and 21 formulas.

SUB CODE: 20, 13/   SUBM DATE: 01Apr66/   ORIG REF: 006/   OTH REF: 006

Card 2/2

L 54052-65
WW/GS

EWT(d)/EWT(1)/EPF(c)/EPF(n)-2/EPR/EPA(bb)-2   Pr-4/Pe-4/Pu-4

ACCESSION NR: AT5010484   UR/0000/65/000/000/0110/0125

AUTHOR: .Danilov, Yu. I. (Candidate of technical sciences); Galitseyskiy, B. M.
(Engineer)

TITLE: Design of heat exchangers with internal heat sources

SOURCE: Issledovaniye teploobmena v potokakh zhidkosti i gaza (Investigation of
heat exchange in liquid and gas flows). Moscow, Izd-vo Mashinostroyeniye,
1965, 110-125

TOPIC TAGS: .heat exchanger design, linear channel heat exchanger, multiple layer
heat exchanger, internal heat source

ABSTRACT: Design engineers must often construct heat exchangers with internal
heat sources (e.g., electric heaters, chemico-technological processes, etc.).
This paper derives formulas for the calculation 1) of the temperature field in
channels with internal heat sources; 2) of the maximum field in the case when
the physical properties of the coolant are temperature sensitive and the heat
transfer coefficient depends on the temperature factor; 3) of the shortest
channel-type heat exchanger for a given heat transfer; 4) of a multilayer heat
exchanger with internal heat source; and 5) of gas-dynamic pressure losses within
a linear-channel heat exchanger. Orig. art. has: 69 formulas and 3 figures.

Card   1/2

L 54052-65
ACCESSION NR: AT5010484

ASSOCIATION: None

SUBMITTED: 11Dec64   ENCL: 00   SUB CODE: TD

NO REF SOV: 001   OTHER: 001

Card   2/2

L 53731-65   EWT(d)/EWT(1)/EPF(c)/EP F (n)-2/EPR/EPA(bb)-2   Pr-4/Ps-4/Pu-4   WW/GS
ACCESSION NR: AT5010485   UR/0000/65/000/000/0126/0136

33

AUTHOR: Danilov, Yu. I. (Candidate of technical sciences); Galitseyskiy, B. M.
(Engineer); Shuvanov, M. I. (Engineer)

TITLE: Design of heat exchangers with internal heat sources and heat sinks

SOURCE: Issledovaniye teploobmena v potokakh zhidkosti i gaza (Investigation of
heat exchange in liquid and gas flows). Moscow, Izd-vo Mashinostroyeniye,
1965, 126-136

TOPIC TAGS: heat exchanger design, heat exchanger element, multilayer heat
exchanger, point sink heat exchanger, internal heat sources, internal heat sink

ABSTRACT: The exact calculations in connection with the design of heat exchangers
containing internal heat sources and sinks are quite difficult; consequently, it
is very important to have even approximate computational formulas. Such ex-
pressions are derived for the case of a plate-like element. Formulas are also
given for the temperature distribution within a multilayer wall with internal
heat sources and sinks. The authors note that the method of point sinks permits
simple calculations of even the most complicated heat exchange devices with in-
ternal sources and sinks. However, the method supplies sufficient accuracy only
in the case of a sufficiently small size of the relative hydraulic diameter.

Card 1/2

L 53731-65

ACCESSION NR: AT5010485

Orig. art. has: 38 formulas and 3 figures.

ASSOCIATION: None

SUBMITTED: 11Dec64   ENCL: 00   SUB CODE: TD

NO REF SOV: 001   OTHER: 001

Card 2/2

GALITSINSKIN, D. K.

Chief Agronomist, Uzbek Ministry of Agriculture

Up to Date Practices in Cotton Culture

Soviet Source: N: Pravda Vostoka Tashkent
                18 May 1947
Abstracted in USAF "Treasure Island" Report No. 23932, on file in Library of Congress,
Air Information Division.

GALITSINSKIY, P. K.

27794.   GALITSINSKIY, P. K. — Organizatsiya agronomicheskikh vchestkor pri MTS.
Sots. Sel. khoz-Vo Uzvekistana, 1949, No. 2, S. 26-30

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

GALITSINSKIY, P.K., zasl. agronom Uzbekskoy SSR; KARTASHOV, B.A., red.;
    SALAKHUTDINOVA, A., tekhn. red.

[Best cotton varieties in the Uzbek S.S.R.] Luchshie sorta khlop-
chatnika v Uzbekskoi SSR. Tashkent, Gos.izd-vo Uzbekskoi SSR,
1960. 26 p.   (MIRA 14:12)
               (Uzbek—Cotton growing)

GALITSINSKIY, Panteleymon Konstantinovich; DEMIDOV, Sergey Ivanovich;
OBUKHOV, Mikhail Nikolayevich; SAMOYLOV, Andrey Yemel'yanovich;
GRUSHKIN, A., red.; ABBASOV, T., tekhn. red.

[Cotton varieties in Uzbekistan; results of state variety test-
ing for 1950-1959] Sorta khlopchatnika v Uzbekistane; itogi go-
sudarstvennogo sortoispytaniia za 1950-1959 gg. Tashketn, Gosizdat,
UzSSR, 1962. 219 p.   (MIRA 15:7)
                 (Uzbekistan—Cotton—Varieties)

ASLANYAN, M. M.; ALEKSANYAN, Sh.V.; GALITSKAYA, A. A.; LOGVINOVA, R. A.

"Reproductive function of Askania merino ewes in connection with feeding type."

report submitted for 5th Intl Cong, Animal Reproduction & Artificial Insemination, Trent, Italy, 6-13 Sep 64.

GALITSKAYA, A.Ya.; KOROLEV, V.G.

    Carboniferous of northern Kirghizia. Mat po geol. Tian'-Shania
    no.1:43-75 '61.   (MIRA 17:2)

GALITSKAYA, A.Ya.; DYADYUCHENKO, L.B.

Stratigraphy of the Carboniferous sediments of the Kck-Tyrim-Too
and the western extremities of the Moldo-Too. Mat. po geol. Tian'-
Shania no.4:89-105 '64.   (MIRA 17:10)

L 56552-65   EWP(m)/EWG(v)/EWT(1)/FS(v)-3/EEC(a)/EEC(j)/EEC(r)/EWA(d)   Pe-5/
Pg-4/Po-4/Pq-4   GW

ACCESSION NR: AP5015667

UR/0293/65/003/003/0391/0394
629.19:531.38

AUTHORS: Galitskaya, E. B.; Kiselev, M. I.

TITLE: Radiation orientation of cosmic devices

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 3, 1965, 391-394

TOPIC TAGS: radiation balance, satellite orientation, satellite orientation stability, solar radiation absorption, solar radiation effect, space vehicle design

ABSTRACT: An analysis was made of the basic principles involved in using solar radiation pressure to control the orientation and stability of space craft. This idea was first proposed in 1961; since it is now feasible to build space craft with large enough dimensions to provide the necessary orientating rotational moments, the idea is explored further. The mathematical analysis is on a model consisting of three pairs of flat blades, one lying in each plane of the coordinate system. The orientation between the moving reference system attached to the object and the earth's fixed coordinate system is established on the basis of Euler angles. By using matrix transformations, the expressions for the rotational moments are developed. These expressions indicate that light striking a blade

Card 1/4

L 56552-65

ACCESSION NR: AP5015667

at an angle provides the necessary controlling turn to orientate the space craft as desired. It is noted that a "radiation precession" also arises and must be considered in the controlling problem. An investigation of small perturbations of a spherically symmetrical object about the ideal orientation reveals that the ratio of the maximum auxiliary rotational moments to the controlling moments is equal to 3.5% of the basic controlling moments for each degree of deflection from equilibrium. A "radiation propeller" (see Fig. 1 on the Enclosure) was studied to evaluate the magnitude of the rotational moment and the coefficient of utilization of the solar pressure. Two blades with an angular span α lie in the XOY plane. The blades are free to turn to an angle β about an axis lying in the XOY plane. The light strikes along OZ. The rotational moment results from the forced component perpendicular to OZ. The rotational moment, therefore, is 0 with $\beta = 0$ or $\eta/2$ and is shown to be a maximum when $\beta \simeq 35$ degrees. With β at 35 degrees, an ideal perfect reflector would give a maximum coefficient of solar pressure utilization of 38.5%. A half white, half black coating of a space craft would harness this solar pressure to provide an orientation with the white (reflecting) side of the space craft to the sun. This would have the additional advantage of improving the space craft's radiation balance. The expression is presented for the condition of stabilization of a black-white sphere provided with "a radiation propeller" in respect to the "radiation precession." The spectral dependency of

Card 2/4

L 56552-65

ACCESSION NR: AP5015667

the absorption also was considered. The authors thank K. P. Stanyukovich and G. A. Skuridin. Orig. art. has: 3 figures and 20 formulas.

ASSOCIATION: none

SUBMITTED: 20May64   ENCL: 01   SUB CODE: NG, SV

NO REF SOV: 003   OTHER: 005

Card 3/4

L 56552-65

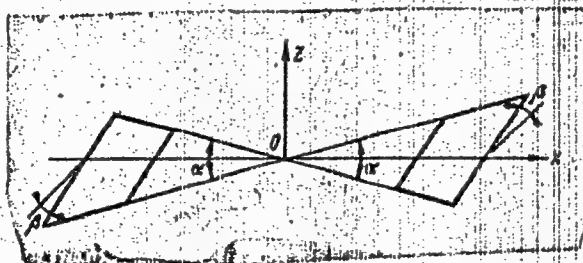ACCESSION NR: AP5015667   ENCLOSURE: 01

Fig. 1.

Card 4/4

AUTHOR: GALITSKAYA,E.I., GARMASH,V.A., LEBEDEV,D.S.   PA - 2824
TITLE: The Analytical Computers for the Statistical Analysis of
            Television Communications. (Primeneniye schetno - analiticheskikh
            mashin dlya statisticheskogo analiza televizionnykh soobshcheniye
            Russian)

PERIODICAL: Radiotekhnika, 1957, Vol 12, Nr 3, pp 53 - 56 (U.S.S.R.)
            Received: 5 / 1957   Reviewed: 6 / 1957

ABSTRACT: Work in the case of the statistical analysis of an image is divided
            into two parts: The quantization and writing down of the values
            of the brightness coefficient of some elements on an intermediate
            member as which the standard telegraphy perforated band is used,
            the transmission of data from the perforated band to the perforated
            cards and evaluation of cards by means of analytic computers. A
            block scheme, which had been developed by one of the authors, is
            described. This serges for writing down the values of the bright-
            ness coefficient of the image elements. The possibility is shown
            how to obtain multidimensional functions of the probability of a
            distribution of brightness graduation of a television communication
            by means of analytical computers. As communication, sections of
            cinema films were used. A onedimensional function for the distribution
            of probability, a correlation function, and the entropy value com-
            puted according to a twodimensional function of the probability
            distribution are shown for two images. The method of investigation

Card 1/2

The Analtytical Computers for the Statistical Analysis of   PA - 2824
Television Communications.

described and the apparatus produced make the investigation of
functions of the probability distributions of a higher order
possible. As eighty different ten digit numbers can be put on each
perforation card, functions of probability distributions up to the
eightieth order can be investigated.
(3 illustrations and 6 citations from Slav publications)

ASSOCIATION: Not given.
PRESENTED BY:
SUBMITTED: 17.12.1956
AVAILABLE: Library of Congress.

Card 2/2

L 34193-65   EWT(m)/EPF(c)/EPR/EWP(j)/T   Pc-4/Pr-4/Ps-4   RPL   RM/WW   32
ACCESSION NR: AP5007525   s/0316/64/000/006/0043/0046   B

AUTHOR: Mamedaliyev, Yu. G. (Deceased); Mamedaliyev, G. M.; Aliyev, S. M.;
Sarkisyan, A. A.; Agayeva, M. A.; Galitskaya, G. I.

TITLE: Cationic polymerization of styrene in the presence of titanium tetrachloride

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 6, 1964, 43-46

TOPIC TAGS: polystyrene synthesis, cationic polymerization, polymerization catalyst, titanium tetrachloride

ABSTRACT: The paper reports on the principal results of a study of an exhaustive
cationic polymerization of styrene in the presence of various solvents (benzene,
ethylbenzene, heptane, cyclohexane). The effect of duration of polymerization on
the yield and properties of the polymers was investigated at -15, 0, 20, and 40C.
The effect of the amount of $TiCl_4$ on the polymerization of styrene was studied at
20C for 1 min, 30 min, and 60 min. The optimum conditions of the exhaustive poly-
merization of styrene were thus determined: temperature 20C, time 30-60 min,
$TiCl_4$ concentration 0.46×10^{-3} molar. It was found that the polymers obtained

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L 34193-65
ACCESSION NR: AP5007525

had molecular weights between 3,000 and 15,000 and melting points of 60 to 100C.
As in the case of benzene, in the presence of ethylbenzene, heptane, and cyclo-
hexane the polymerization proceeds very rapidly and produces similar polymers.
Orig. art. has: 3 tables.

ASSOCIATION: None

SUBMITTED: 00

NO REF SOV: 006

ENCL: 00

OTHER: 007

SUB CODE: OC

Card 2/2

KUZIN, I.A.; GALITSKAYA, I.A.; TAUSHKANOV, V.P.

Precipitation of ammonium uranyl disulfate from nitrate
solutions. Radiokhimiia 5 no.1:89-93 '63.   (MIRA 16:2)
                (Ammonium uranyl sulfates)
                      (Nitrates)

GAL TSMAN

М. А. Миллер

Ускорение плазменных сгустков высокочастотным электромагнитным полем

18 июня
(с 18 до 22 часов)

Д. И. Воскресенский,
Р. А. Грановская

Замедляющая система в виде спиральной линии для .ЛБВ

С. Г. Константинов

Отклоняющая система с бегущей волной

11 июля
(с 10 до 16 часов)

Семинар: доклады о новых ферритовых устройств СВЧ

В. И. Зубков, М. С. Нейман

Некоторые вопросы теории параметрических усилителей

В. И. Тихонов

К теории ферритового усилителя

В. И. Тихонов,
Ю. У. Дорон,
В. В. Карпенко

Экспериментальное исследование ферритового усилителя

А. А. Николаев,
В. З. Шварц

Некоторые результаты исследования ферритового усилителя

А. С. Тагер

К теории параметрического усилителя с эллиптическим контуром

report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications in A. S. Popov (VNRES), Moscow, 8-12 June, 1959

STUPISHIN, A. V.; VOROB'EV, G..., red.; GALITSKAYA, M.A., red.

[Introduction to the course "Geomorphology"; textbook for second-year correspondence students of the Geography Faculty] Vvedenie k kursu "Geomorfologiia;" uchebnoe posobie dlia studentov-zaochnikov II kursa geograficheskogo fakul'teta. Kazan', Kazanskii gos. univ., 1964. 18 p.
(MIRA 18:5)

PODYMOV, V.N.; ABRUKOV, S.A., dots., red.; GALITSKAYA, M.A., red.

[Measuring the rate of gas flow by means of a capillary rheometer; a textbook] Izmerenie raskhoda gazov kapilliarnym reometrom; uchebnoe posobie. Kazan', Kazanskii gos. univ., im. V.I.Ul'ianova-Lenina, 1964. 12 p.   (MIRA 18:3)

GALITSKAYA, N.A.

     Acetylcholine content of denervated and embryonal muscles of
different animals. Trudy fiziol. inst. 4:293-298 '49.   (MIRA 9:5)
     (MUSCLE)   (ACETYLCHOLINE)

GALITSKAYA, N. A.

PA 45/49T78

USSR/Medicine - Physiology, Experimental   Mar/Apr 49
Medicine - Nervous System, Physiology

"Analysis of the Mechanism of Tonomotory Phenomena and Its Retardation: I, Conditions Surrounding the Development of the Retardative Action of the Motor Nerves on the Effect of the Motor-Denervated Lingual Muscle," N. A. Galitskaya
Physiol Inst imeni Acad I. P. Pavlov, Acad Sci
USSR, 6 pp

"Fiziol Zhur SSSR" Vol XXXV, No 2

Describes experiments on cats and dogs. Irritation of motor nerve has retarding influence on
45/49T78

USSR/Medicine - Physiology,   Mar/Apr 49
Experimental (Contd)

acetylcholine effect of motor-denervated lingual muscles, similar to influence on effects obtained from irritating n. lingualis (Ginetsinsky and Orbeli, 1927). This retardation develops more clearly in desympathized muscles. Submitted 15 Mar 47.

45/49T78

Analysis of the mechanism of tonometer phenomena and its inhibition. II. Effect of atropine. N. A. Galit-skaya (Acad. Sci., U.S.S.R.). Fiziol. Zhur. (J. Physiol.) 35, 603 8(1949); cf. ibid. 35, 210(1949). —Atropine does not eliminate the acetylcholine effects in the lingual nerve (in cats and dogs) observed in motor-denervated tongue muscle. Nicotine, however, does eliminate the effects. Attempts to observe an inhibiting effect from the motor nerve, in atropinized state, on the ability of the muscle to react to acetylcholine or to local irritation were neg. If the inhibiting action is allowed to develop, administra-tion of atropine removes this block and the muscle again reacts to acetylcholine or local stimulation.   G. M. K.

GALITSKAYA, N.A.

Effect of exclusion of various components of innervation of the
skeletal muscle on its functional properties. Fiziol. zh. SSSR
39 no.6:710-718 Nov-Dec 1953.

(CLML 25:5)

1. Laboratory of Nerve Trophism of the Institute of Physiology imeni
I. P. Pavlov of the Academy of Sciences USSR, Leningrad.

GALITSKAYA, N.A.

Effect of excision of various section of the cerebral cortex on functional properties of the skeletal muscles and on development of muscular atrophy. Trudy Inst. fiziol. 3:516-530 '54. (MLRA 8:2)

1. Laboratoriya nervnoy trofiki. Zaveduyushchiy A.V.Tonkikh.
   (MUSCLES, physiology,
      eff. of cerebral decortication)
   (CEREBRAL CORTEX, physiology,
      eff. of decortication on musc.)

GALITSKAYA, N.A.

Effect of tenotomy and denervation on functional propeties of the striated muscle. Trudy Inst. fiziol. 3:531-543 '54.   (MLRA 8:2)

1. Laboratoriya nervnoy trofiki. Zaveduyushchiy A.V.Tonkikh.
      (MUSCLES, physiology,
           eff. of tenotomy & denervation on striated musc.)

GALITSKAYA, N.A.

Effects of excluding various components of the innervation of a skeletal muscle upon its functional properties. Fiziol.zhur. 39 no.6:710-718 N-D '54.

(MLRA 6:12)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P.Pavlova. Akademii nauk SSSR, Leningrad.

(Muscles)

GALITSKAYA, N.A.

GALITSKAYA, N.A.

Changes in the sensitivity of skeletal muscles to acetylcholine
as induced by stimulations of the sympathetic chain and the
cerebellum. Mat. po evol.fiziol. 1:91-97 '56.   (MIRA 11:1)
        (NERVOUS SYSTEM, SYMPATHETIC)
        (CEREBELLUM)   (MUSCLES--INNERVATION)
        (ACETYLCHOLINE)

GALITSKAYA, N.A.

Changes in the functional properties of the transverse muscles
and atrophies connected with transections of the spinal cord
at different levels. Trudy Inst.fiziol. 8:377-384 '59.

(MIRA 13:5)

1. Laboratoriya nervnoy trofiki (zaveduyushchaya - A.V. Tonkikh)
Instituta fiziologii im. I.P. Pavlova AN SSSR.
     (SPINAL CORD)   (MUSCLES)   (ATROPHY, MUSCULAR)

GALITSKAYA, N.A.

Role of injury and stimulation of the spinal cord in the development
of contracture arising following its section. Fiziol.zhur. 47
no.5: 566-574 My '61.   (MIRA 14:5)
          (SPINAL CORD—WOUNDS AND INJURIES)   (CONTRACTURE)

GALITSKAYA, N.A.

Role of the sympathetic nervous system in the development of contractures originating in traumas of the spinal cord. Fiziol. zhur. 51 no.4:506-512 Ap '65.   (MIRA 18:6)

1. Institut evolyutsionnoy fiziologii i biokhimii imeni Sechenova AN SSSR, Leningrad.

GALITSKAYA, N.A.

Role of the innervation of the posterior root in the motor function of the stomach in the ontogeny of puppies. Fiziol. zhur. 51 no.8: 990-996 Ag '65. (MIRA 18:7)

1. Institut evolyutsionnoy biokhimii i fiziologii imeni Sechenova AN SSSR, Leningrad.

L 05791-67   EWT(m)/EWP(j)   DS/RM
ACC NR: AP5030841   (A, N)   SOURCE CODE: UR/0191/66/000/009/0003/0005

AUTHOR: Pashkov, A. B.; Galitskaya, N. B.; Lyustgarten, Ye. I.

ORG: none

TITLE: Copolymerization of 2-vinylpyridine with divinylbenzene

SOURCE: Plasticheskiye massy, no. 9, 1966, 3-5

TOPIC TAGS: copolymerization, polymerization catalyst, synthetic material, vinyl
plastic, high polymer, copolymer, block copolymer

ABSTRACT: Copolymerization of 2-vinylpyridine with divinylbenzene was studied at 80-
100°C using benzoyl peroxide, tert-butylperbenzoate, and mixtures of them in various
ratios (from 1:3 to 3:1) as initiators. The object of the work was to define the
optimum conditions for preparing a highly cross-linked copolymer, a useful anion-
exchange resin. The initiator concentration in the reaction mixtures was 0.025-0.1
moles/l and the polymerization process was 15 min to 3 hrs. The yields of both the low
molecular material and the highly cross-linked product are tabulated. At a constant
temperature an increase in the initiator concentration from 0.025 to 0.1 moles/l was
found to result in a 17-27% increase in the yield of the highly cross-linked product.
At a constant initiator concentration, an increase in temperature from 80° to 100°C was
found to result in a 22-25% increase in the yield of the highly cross-linked product.

Card 1/2   UDC: 678.766.22-134.65

L 08791-67

ACC NR: AP6030841   O

The lower the copolymerization temperature the higher was the yield of the highly
cross-linked product. The maximum yield (97.5%) of the highly cross-linked 2-vinyl-
pyridine-divinylbenzene copolymer was achieved at a 1:1 monomer ratio. The density
was 1.1 g/cm^3. Orig. art. has: 5 figures and 2 tables.

SUB CODE: 07/ SUBM DATE: 00/ ORIG REF: 009/ OTH REF: 000

Card 2/2   nst

GALITSKAYA, N.F.

Sketch of the physical geography of lower Dnieper Valley sands.
Uch.zap. Kursk.gos.ped.inst. no.4:291-307 '57.   (MIRA 12:4)

1. Iz kafedry geografii Kurskogo gosudarstvennogo pedagogicheskogo
instituta.
                    (Dnieper Valley—Sand)

TROITSKII, D.Ye.; SLINKINA, M.A.; ISHCHENKO, M.L.; SHPILEVSKA, Ye.S.

Detection of incomplete autoanitibodies in multiple sclerosis
patients using the modified indirect Coombs' test. Zhur. nevr.
i psikh. 65 no.11:1606-1610 '65.   (MIRA 19:11)

1. Belorusskiy institut epidomiologii, mikrobiologii i gigyeny
(direktor V.I.Votyakov) i Belorusskiy institut nevrologii (direktor
I.P.Antonov), Minsk.

GALITSKAYA, S.I.

Clinical aspects of atypical mastoiditis (with whole tympanic
membrane) Vest. oto-rin. 16 no.4:37-42 Jl-Ag '54. (MLRA 7:8)

1. Iz kliniki bolezney ukha, gorla i nosa (dir. prof. A.G.likhachev)
I. Moskovskogo ordena Lenina meditsinskogo instituta.
      (MASTOIDITIS,
          *atypical cases)

GALITSKAYA, S.I.

[Clinical aspects of atypical mastoiditis with an intact tympanic membrane] Klinika atipichnykh mastoiditov pri tseloi barabannoi pereponke. Moskva, Medgiz, 1957. 90 p.   (MIRA 11:4)
      (MASTOID PROCESS--DISEASES)

GALITSKAYA, T.

83. Finansirovaniye Prosyeshcheniya I Zdravookhraneniya. Ucheb. Material. M., 1954 (28 S. 21SM.) (Vsesoyuz. Zaoch. Fin. In-t M-Va Vyssh. Cbrazovaniya Sssr.) 2.500 Ekzbespl.— (54-54371)

332742.4:614.2C379.11

SO: Knizhnaya, Letopis, Vol. 1, 1955

GVOZDETSKIY, Nikolay Andreyevich; MIKHAYLOV, Nikolay Ivanovich;
    GALITSKAYA, T.M., red.; KONOVALYUK, I.K., mlad. red.;
    KOSHELEVA, S.M., tekhn. red.

[Physical geography of the U.S.S.R.: Asiatic part] Fizi-
cheskaia geografiia SSSR: Aziatskaia chast'. Moskva,
Geografgiz, 1963. 571 p.   (MIRA 17:2)

LYAPUNOV, Boris Valerianovich; GALITSKAYA, I.M., red.,
     POLOZHENTSEVA, T.S., mlad. red.

     [Our planet today and tomorrow; sketches on the way man
     conquers the depths of the earth, the ocean, the atmos-
     phere and space] Planeta segodnia i zavtra; ocherki o
     tom, kak chelovek pokoriaet zemnye nedra, okean, atmosferu
     i kosmos. Moskva, Mysl', 1964. 142 p.   (MIRA 18:3)

VRONSKIY, Boris Ivanovich; GALITSKAYA, T.M., red.; MAKAROVA,
        M.I., mlad. red.

        [On the golden Kolyma; recollections of a geologist]
        Na zolotoi Kolyme; vospominaniia geologa. Moskva, Mysl',
        1965. 279 p.   (MIRA 18:9)

DEMIN, Lev Mikhaylovich; GALITSKAYA, T.M., red.; POLOZHENTSEVA, T.S., mlad. red.

[Across the Tatar Strait; sketches of Sakhalin] Za Tatarskim prolivom; sakhalinskie ocherki. Moskva, Mysl', 1965. 100 p.   (MIRA 18:12)

NOVIKOVA, E.T.; ZABORINA, N.B.; GORBUNOVA, A.A.; KOTLYAR, E.M.; GALITSKAYA, V.D.

Latex base heat and sound insulating materials for subflooring.
Stroi. mat. 11 no.8:17-18 Ag '65.   (MIRA 18:9)

GALITSKAYA, YE. I.

6910. APPLICATION OF COMPUTERS TO STATISTICAL ANALYSIS OF A TELEVISION TRANSMISSION CHANNEL. E. I. Galitskaya, V. A. Garmash and D. S. Lebedev. Radiotekhnika, Vol. 12, No. 5, 53-67 (1957). In Russian.

A brief report on a statistical investigation of information redundancy (entropy) in typical television images. Two operations are performed; groups of definite characteristics — one-dimensional probability distribution (correlation function) and two-dimensional distribution (entropy) — are sorted, and then whole groups of identical characteristics are counted. Film images serve as substitutes for the analysis, the output from an intermittent film scanner being quantized for 8 brightness levels, passed through logical circuits and binary counters and registered on punched cards, which are later analyzed by the computer. Two typical subjects — close-up of a face and an open-air scene — are dissected, their entropies being 0.64 and 0.78 compared with the maximum possible of 3 (log 8). A. Landman

GALITSKAYA, Ye. S.

Galitskaya, Ye. S. "On the problem of morphological chan-
ges in the kidneys in extended venous congestion," Trudy
Kazansk. gos. in-ta usovershenstvovaniya vrachey im. Lenina,
Vol. XI, 1949, (On cover: 1948), p. 163-70.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

GALITSKAYA-GLADCHENKO, A.Ya.

Stratigraphy of lower Carboniferous sediments in the Dzhergalan
and Tekes Valleys. Trudy Inst. geol. AN Kir. SSR no.10:3-15 '58.
(MIRA 12:9)

(Kirghizistan—Geology, Stratigraphic)

GALITSKAYA-GLADCHENKO, A.Ya.

Stratigraphy of Carloniferous sediments in northern Kirghizia.
Izv. AN Kir. SSR. Ser. est. i tekh. nauk 2 no.9:5-22 '60.
(MIRA 14:6)
(Kirghizistan—Coal geology)

MASTRYUKOV, V.A.; GALITSKIY, A.B.; NADTOCHIY, G.M.

Effectiveness of an inflatable chest "cuff" in artificial
respiration. Eksp. khir. i anest. 6 no.5:29-33 S-O '61.
(MIRA 15:3)

1. Iz gospital'noy khirurgicheskoy kliniki pediatricheskogo
fakul'teta (zav. - prof. A.V. Gulyayev) II Moskovskog meditsinskogo
instituta imeni N.I. Pirogova i Gorodskoy klinicheskoy bol'nitsy
No.64 (glavnyy vrach G.V. Rodygina).
                    (RESPIRATION, ARTIFICIAL)

GALITSKIY, A.B.; REVZIS, M.G.

Essential pulmonary hemosiderosis as a cause of pulmonary hemorrhage.
Grud.khir. no.4:111-113 Jl-Ag '62.   (MIRA 15:10)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. A.V.
Gulyayev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo
instituta imeni H.I.Pirogova i 64-y gorodskoy klinicheskoy bol'nitsy
(glavnyy vrach G.V.Rodygina).
                    (LUNGS--DISEASES)
                    (HEMOCHROMATOSIS)
                      (HEMORRHAGE)

GALITSKIY, A.B.

Use of UZU-1 and UTP-1 equipment for preparation of trophic
ulcers for skin transplantation. Nov. med. tekh. no.2:132-
135 '64.   (MIRA 18:11)

ARONOVICH, V.V.; GALITSKIY, A.Ya.; ZAVERTKIN, K.V.

Use of chromatographs in chemico-technological process
control. Khim.prom. no.9:576-580 Ag '62.   (MIRA 15:9)

1. Gosudarstvennyy institut po proyektirovaniyu zavodov
kauchukovoy promyshlennosti.
                    (Chromatographic analysis)
                    (Automatic control)

MURPHY, V. S.

The planning of transportation. Moskva, Gosplanizdat, 1956. 8? p. (50-48596)

HE255.G3

GALITSKII, A.Ye.

Gruzooborot zheleznykh dorog v tret'em piatiletii. /Freight transport turnover during the third five-year plan/. (Planovoe khoz-vo, 1939, no. 6, p. 107-123).

Cites examples of cross-haul with 1937 tonnage data.

DLC: HC331.P52

Mezhraionnye perevozki SSSR. /Interregional freight transport of the U. S. S. R./. (Planovoe khoz-vo, 1938, no. 7, p. 10-28).

"An extremely valuable article giving originated-terminated data for 1937 for seven major commodity groups."

DLC: HC331.P52

Planirovanie perevozok. /Planning of freight transport/. Moskva, Gosplanizdat, 1939. 89p.

DLC: HE255.G3

Transport i narodnoe khoziaistvo v novoi piatiletke. /Transportation and the national economy in the new five-year plan/. (Zhel-dor. transport, 1946, no. 4, p. 5-14).

"Gives 1940 tons for 5 main groups. Gives share of railroads in total transport ton-kilometers, 1932, 1937, 1940, 1950   DLC: HE7.Z5
SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

GALITSKII, A. E.

Rol'vodnogo transporta v gruzooborote strany. /The role of waterway transportation
in the country's freight turnover_/.   (Planovoe khoz-vo, 1941, no. 1, p. 44-45.).

DLC: H6331.P52

GALITSKII, A. E.

Zheleznodorozhnyi transport v 1945 godu. /Railroad transport in 1945/. (Planovoe khoz-vo, 1945, no. 1, p. 21-32).

DLC: HC331.P52

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

GALITSKII, A./E. and I. LIBIN.

Perspektivy elektrifikatsii zheleznykh dorog SSSR. ⎰The outlook of railroad
electrification in the U. S. S. R.⎱. (Planovoe khoz-vo, 1945, no. 3, p. 21-29).
                              DLC: HC331.P52

GALITSKII, A. Transport i narodnoe khoziaistvo v novoi piatiletke. (Zheleznodorozhnyi
     transport, 1946, no. 4., p. 5-14.)   DIC: HE725

SO: LC, Soviet Geography, Part I, 1951; Uncl.

GALITSKII, A.YE.

Planirovanie sotsialisticheskogo transporta. (Planning socialist transportation).
Moskva, Gosplanizdat, 1950. 191 p.

                                    DLC: HE255.G33

--------Transport i razmeshchenie proizvoditel'nykh sil. (Transportation and the
distribution of productives forces). (Bol'shevik, 1941, no. 5, p. 12-23).
                                    DLC: H8.B6

--------Zakavkaz'iu - moshchnyi transport. (For Transcaucasia - a Powerful trans-
portation system). (Sots. Transport, 1932, nO. 8-9, p. 55-68).

                                    DLC: HE7.S6

GALITSKII, A.YE.

Planirovanie sotsialisticheskogo transporta. /Planning socialist transportation_7.
Moskva, Gosplanizdat, 1950. 191 p.
DLC: HE255.G33

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Poslevoennaia piatiletka zheleznodorozhnogo transporta. /The post-war five-year plan
for railroad transportation_7. (Narodnoe khoz-vo SSSR, 1947-48, No. 1-2, p. 309-319).
DLC: HC331. N34

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Poslevoennaia piatiletka zheleznodorozhnogo transporta. /The post-war five-year plan
for railroad transportation_7. (Planovoe khoz-vo, 1946, no. 2, p. 113-122).
DLC: HC331.P52

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

GALITSKIY, A.

The electrofication of railroads in the Soviet Union. Vop.ekon.
no.8:25-33 Ag '56.   (MLRA 9:9)
            (Railroads--Electrification)

GALITSKIY, B.
    Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni
    L. M. Kaganovich.

GALITSKIY, B. - "The characteristics of pigskin in terms of protein content and certain
chemical properties." Min Higher Education USSR. Moscow Technological Inst of Light
Industry imeni L. M. Kaganovich. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 13, 1956

NIKITIN, A.A., inzh.; GALITSKIY, B.A.; KOGAN, A.D.; SAMOKHIN, G.P.

Programmed control of the steaming process in autoclaves.
Sbor. trud. ROSNIIMS no.17:39-54 '60.   (MIRA 14:12)
                    (Automatic control)
                    (Autoclaves)